In the Claims

A complete listing of the claims follows immediately hereinafter:

1 – 49 (Canceled)

50. (New) An illumination device, such as a flashlight, comprising:

(a) a housing having a light reflector arrangement supported therewith, said light reflector arrangement including light reflecting surface segments which circumscribe a given area and which define a forwardly extending central axis of illumination; and

(b) an illumination assembly including (i) a printed circuit board having a front surface and a back surface, (ii) at least one solid state light source on the front surface of said printed circuit board, and (iii) control circuitry connected with said solid state light source and printed on at least one of the surfaces of said printed circuit board for connecting the solid state light source to a source of power in order to control the illumination of said solid state light source, said illumination assembly being connected with said housing such that the solid state light source is disposed within said given area in a way which causes light from said solid state light source to emanate out of said given area directly and/or indirectly by means of reflection in the general direction of said forwardly extending central axis of illumination.

51. (New) An illumination device according to Claim 50 wherein the front surface of said printed circuit board is oriented normal to and facing said forwardly extending central axis of illumination.

52. (New) An illumination device according to Claim 50 wherein said control circuitry is at least printed on the back surface of said printed circuit board.

53. (New) An illumination device according to Claim 50 wherein said solid state light source is an LED.

54. (New) An illumination device according to Claim 50 wherein the front surface of said printed circuit board is oriented parallel with said forwardly extending central axis of illumination such that said solid state light source directs some of its light normal to said central axis towards some of said light reflecting surface segments.

55. (New) An illumination device according to Claim 50 wherein said printed circuit board is substantially longer than it is wide so as to define an elongated front surface, said illumination assembly including a plurality of solid state light source light sources mounted on the front surface of said printed circuit board in spaced apart relationship to one another along the elongated length of the printed circuit board.

56. (New) An illumination device according to Claim 54 wherein said printed circuit board includes opposite lengthwise ends and wherein said circuitry includes first and second electrically conductive bumps on said lengthwise ends serving as an electrical input and output, respectively.

57. (New) An illumination device according to Claim 50 wherein said illumination assembly includes a plurality of solid state light sources, each of which is an LED.

58. (New) An illumination assembly for use in an illumination device, such as a flashlight, having a housing including a light reflector arrangement supported therewith, said light reflector arrangement including light reflecting surface segments which circumscribe a given area and which define a forwardly extending central axis of illumination, said illumination assembly comprising:

(a) a printed circuit board having a front surface and a back surface;

(b) at least one solid state light source on the front surface of said printed circuit board, and

(c) control circuitry connected with said solid state light source and printed on at least one of the surfaces of said printed circuit board for connecting the solid state light source to a source of power in order to control the illumination of said solid state light source;

(d) said illumination assembly being adapted for connection with said housing such that the solid state light source is disposed within said given area in a way which causes light from said solid state light source to emanate out of said given area directly and/or indirectly by means of reflection in the general direction of said forwardly extending central axis of illumination.

59. (New) An illumination assembly according to Claim 58 where in said solid state light source is an LED.

60. (New) An illumination assembly for use as part of an illumination device including a housing defining a given area for directing light outward there from, said illumination assembly comprising:

(a) a printed circuit board having a front surface and a back surface;

(b) at least one solid state light source on the front surface of said printed circuit board, and

(c) control circuitry connected with said solid state light source and printed on at least one of the surfaces of said printed circuit board for connecting the solid state light source to a source of power in order to control the illumination of said solid state light source;

(d) said illumination assembly being adapted for connection with said housing such that the solid state light source is disposed within said given area in a way which causes light from said solid state light source to emanate out of said given area.

61. (New) An illumination assembly according to Claim 60 wherein said solid state light source is an LED.

62. (New) An illumination assembly according to Claim 60 wherein said given area defined by said housing itself defines a forwardly extending axis and wherein the front and back surfaces of said printed circuit boards are disposed normal to said last mentioned axis.